8-30-07

Express Mail Label No.: EV 871034415 US Date of Deposit: August 29, 2007

Attorney Docket No.: 26505-502 NATL



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Oyelere et al.

SERIAL NUMBER:

10/577,903

EXAMINER:

Not Yet Assigned

INTERNATIONAL FILING

January 17, 2007

ART UNIT:

1614

DATE:

For:

BIFUNCTIONAL MACROLIDE HETEROCYCLIC

COMPOUNDS AND METHODS OF MAKING AND USING

THE SAME

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

### TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

- 1. Information Disclosure Statement (2 pages), in duplicate;
- 2. Modified Form 1449/PTO (7 pages), in duplicate;
- 3. Copies of Cited References: B1-B77; C1-C27; and
- 4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 26505-502 NATL. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted

Ivor R. Elrifi, Neg. No. 39,529

Heidi A. Erlacher, Reg. No. 45,409 Jennifer L. Loebach, Reg. No. 57,977

Attorneys/Agents for Applicants

MINTZ, LEVIN, COHN, FERRIS, GLOVSKY and POPEO, P.C.

Address all written correspondence to

Customer no.: 30623 Tel: (617) 542-6000 Fax: (617) 542-2241

Date: August 29, 2007

Express Mail Label No.: EV 871034415 US
Date of Deposit: August 29, 2007
Attorney Docket No.: 26505-502 NATL



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Oyelere et al.

SERIAL NUMBER: 10/577,903 EXAMINER: Not Yet Assigned

INTERNATIONAL FILING January 17, 2007 ART UNIT: 1614

DATE:

FOR: BIFUNCTIONAL MACROLIDE HETEROCYCLIC

COMPOUNDS AND METHODS OF MAKING AND USING

THE SAME

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby makes of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required. By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A1-A42 and U.S. Published Applications A43-A60 are not submitted.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS:

Oyelere et al. 10/577,903

**U.S.S.N.:** 

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 26505-502 NATL.

Respectfully submitted,

Ivor R. Elrifi Reg. No. 39,529

eidi A. Erlacher, Reg. No. 45,409 ennifer L. Loebach, Reg. No. 57,977 Attorneys/Agents for Applicants

MINTZ, LEVIN, COHN, FERRIS, GLOVSKY and POPEO, P.C.

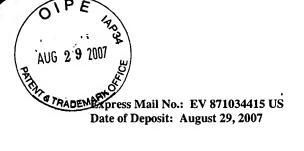
Address all written correspondence to

Customer no.: 30623 Tel: (617) 542-6000

Fax: (617) 542-2241

Date: August 29, 2007

ACTIVE 4128308v.1



Page 1 of 7 Attorney Docket No.: 26505-502 NATL

Please type a plus sign (+) in this box

+

PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified I	Modified Form 1449/PTO			Application Number	10/577,	903		
					International Filing Date	Januar	y 17, 200	7
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Farmer			
				Group Art Unit	Not Yet Assigned			
					Examiner Name	Not Yet Assigned		
(use as many sheets as necessary)				Attorney Docket Number	26505-5	02 NATL	(RIB-010)	
65/91	Tipe ye		X In	U.S.	PATENT DOCUMENTS			
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name	of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	*A1	3,629,232	12/21/71	Peter	Hadley Jones	260	210	
	*A2	3,681,325	08/01/72	Leslie	Alan Freiberg	260	210	
	*A3	4,404,201	09/13/83	Hask	ell et al.	424	246	
	*A4	4,546,176	10/08/85	Mach	ida et al.	544	21	
	*A5	5,180,719	01/19/93	White	et al.	514	192	
	*A6	5,215,980	06/01/93	Jones	1	514	183	
	*A7	5,232,918	08/03/93	Arnou	ld et al.	514	202	
	*A8	5,281,703	01/25/94	White	et al.	540	302	
	*A9	5,336,768	08/09/94	Albred	cht et al.	540	222	
	*A10	5,444,051	08/22/95	Agoui	idas et al.	514	29	
	*A11	5,527,780	06/18/96	Agoui	idas et al.	514	29	
	*A12	5,543,400	06/08/96	Agoui	idas et al.	514	29	
	*A13	5,658,888	08/19/97	Koga	et al.	514	29	
	*A14	5,693,791	12/02/97	Truett		540	222	
	*A15	5,747,467	05/05/98	Agour	idas et al.	514	29	
	*A16	5,780,605	07/14/98	Or et	al.	536	7.2	
	*A17	5,866,549	02/02/99	Or et	al.	514	29	
	*A18	5,891,643	04/06/99	Fesik	et al.	435	7.1	
	*A19	5,905,144	05/18/99	Truett		536	22.1	
	*A20	5,955,440	09/21/99	Sauer	et al.	514	29	
	*A21	6,020,521	02/01/00	Rando	olph et al.	560	205	
	*A22	6,034,069	03/07/00	Or et	al.	514	29	
	*A23	6,274,715 B1	08/14/01	Or et	al.	536	7.4	
	*A24	6,288,055 B1	09/11/01	Natara	ajan et al.	514	210.2	<u> </u>

Express Mail No.: EV 871034415 US

Date of Deposit: August 29, 2007

Attorney Docket No.: 26505-502 NATL

6,288,234 B1	09/11/01	Griffin	546	190
<sup>26</sup> 6,355,805 B1	03/12/02	Choi et al.	546	301
6,355,810 B1	03/12/02	Griffin et al.	548	574
<sup>28</sup> 6,362,371 B1	03/26/02	Moran et al.	564	365
<sup>29</sup> 6,395,724 B1	05/28/02	Judice et al.	514	183
6,420,354 B1	07/16/02	Marquess et al.	514	183
6,437,119 B1	08/20/02	Truett	540	215
32 6,446,032 B1	09/03/02	Schimmel	703	11
33 6,468,979 B1	10/22/02	Pellacini et al.	514	29
6,479,498 B1	11/12/02	Marquess et al.	514	256
6,566,509 B1	05/20/03	Griffin et al.	536	7.4
6,576,615 B2	06/10/03	Phan et al.	514	30
6,664,240 B2	12/16/03	Phan et al.	514	30
6,710,034 B2	03/23/04	Phan et al.	514	30
<sup>39</sup> 6,753,415 B2	06/22/04	Phan et al.	536	7.1
6,878,691 B2	04/12/05	Or et al.	514	29
7,091,196 B2	08/15/06	Wang et al.	514	183
7,129,221 B2	10/31/06	Or et al.	514	28
	26 6,355,805 B1 27 6,355,810 B1 28 6,362,371 B1 29 6,395,724 B1 30 6,420,354 B1 31 6,437,119 B1 32 6,446,032 B1 33 6,468,979 B1 34 6,479,498 B1 35 6,566,509 B1 36 6,576,615 B2 37 6,664,240 B2 38 6,710,034 B2 39 6,753,415 B2 40 6,878,691 B2 41 7,091,196 B2	26 6,355,805 B1 03/12/02 27 6,355,810 B1 03/12/02 28 6,362,371 B1 03/26/02 29 6,395,724 B1 05/28/02 30 6,420,354 B1 07/16/02 31 6,437,119 B1 08/20/02 32 6,446,032 B1 09/03/02 33 6,468,979 B1 10/22/02 34 6,479,498 B1 11/12/02 35 6,566,509 B1 05/20/03 36 6,576,615 B2 06/10/03 37 6,664,240 B2 12/16/03 38 6,710,034 B2 03/23/04 39 6,753,415 B2 06/22/04 40 6,878,691 B2 04/12/05 41 7,091,196 B2 08/15/06	26 6,355,805 B1 03/12/02 Choi et al.  27 6,355,810 B1 03/12/02 Griffin et al.  28 6,362,371 B1 03/26/02 Moran et al.  29 6,395,724 B1 05/28/02 Judice et al.  30 6,420,354 B1 07/16/02 Marquess et al.  31 6,437,119 B1 08/20/02 Truett  32 6,446,032 B1 09/03/02 Schimmel  33 6,468,979 B1 10/22/02 Pellacini et al.  34 6,479,498 B1 11/12/02 Marquess et al.  35 6,566,509 B1 05/20/03 Griffin et al.  36 6,576,615 B2 06/10/03 Phan et al.  37 6,664,240 B2 12/16/03 Phan et al.  38 6,710,034 B2 03/23/04 Phan et al.  39 6,753,415 B2 06/22/04 Phan et al.  40 6,878,691 B2 04/12/05 Or et al.  41 7,091,196 B2 08/15/06 Wang et al.	26       6,355,805 B1       03/12/02       Choi et al.       546         27       6,355,810 B1       03/12/02       Griffin et al.       548         28       6,362,371 B1       03/26/02       Moran et al.       564         29       6,395,724 B1       05/28/02       Judice et al.       514         30       6,420,354 B1       07/16/02       Marquess et al.       514         31       6,437,119 B1       08/20/02       Truett       540         32       6,446,032 B1       09/03/02       Schimmel       703         33       6,468,979 B1       10/22/02       Pellacini et al.       514         34       6,479,498 B1       11/12/02       Marquess et al.       514         35       6,566,509 B1       05/20/03       Griffin et al.       536         36       6,576,615 B2       06/10/03       Phan et al.       514         37       6,664,240 B2       12/16/03       Phan et al.       514         38       6,710,034 B2       03/23/04       Phan et al.       514         39       6,753,415 B2       06/22/04       Phan et al.       536         40       6,878,691 B2       04/12/05       Or et al.       514

Exam Initials	Cite No.	U.S. Published Application No.	Pubiished Date	Name of Patentee(s) or Applicant(s)	Ciass	Sub Class	Filing Date If Appropriate
	*A43	2002/0028943 A1	03/07/02	Griffin	546	223	
	*A44	2003/0092639 A1	05/15/03	Phan et al.	514	28	
	*A45	2003/0096764 A1	05/22/03	Phan et al.	514	28	
	*A46	2003/0158093 A1	08/21/03	Sun et al.	514	8	
	*A47	2003/0176670 A1	09/18/03	Griffin et al.	536	7.4	
	*A48	2003/0176848 A1	09/18/03	Gibson et al.	604	500	
	*A49	2003/0181399 A1	09/25/03	Wong et al.	514	35	
	*A50	2003/0203858 A1	10/30/03	Phan et al.	514	28	
	*A51	2003/0212010 A1	11/13/03	Phan et al.	514	28	
	*A52	2004/0014685 A1	01/22/04	Mercep et al.	514	26	
	*A53	2004/0077612 A1	04/22/04	Mercep et al.	514	175	
	*A54	2004/0097434 A1	05/20/04	Mercep et al.	514	28	
	*A55	2004/0157787 A1	08/12/04	Or et al.	514	28	
•	*A56	2004/0235760 A1	11/25/04	Phan et al.	514	28	
	*A57	2005/0020823 A1	01/27/05	Phan et al.	536	7.1	
	*A58	2005/0197334 A1	09/08/05	Wang et al.	514	227.5	

Express Mail No.: EV 871034415 US Date of Deposit: August 29, 2007 Page 3 of 7 Attorney Docket No.: 26505-502 NATL

	*A59	2006/0264385 A1	11/23/06	Wang et al.	514	28	
	*A60	2007/0072811 A1	03/29/07	Farmer et al.	514	23	
ĺ							

#### **FOREIGN PATENT DOCUMENTS** Cite **Foreign Patent Document** Exam Initials Date of **Translation** Name of Patentee(s) or Applicant(s) Publication No. Yes Office Number **B**1 DE 196 04 223 A1 **BAYER AG** 08/07/97 No **B2** DE 100 34 627 A1 **BAYER AG** 01/31/02 No ВЗ EP 0 213 617 B1 KITASATO KENKYUSHO 03/11/87 **B4** EP 0 215 355 B1 KITASATO KENKYUSHO 03/25/87 **B**5 ΕP 0 643 068 B1 CHUGAL SEIYAKU KABUSHIKI KAISHA 03/15/95 ΕP **B6** 0 680 967 B1 HOECHST MARION ROUSSEL 11/08/95 Claims only **B**7 ΕP 0 895 999 A1 PFIZER PRODUCTS INC. 02/10/99 **B8** ΕP 1 132 392 A1 PFIZER PRODUCTS INC. 09/12/01 **B9** ΕP 1 201 649 A1 PFIZER PRODUCTS INC. 05/02/02 B10 EP 1 201 655 A2 PFIZER PRODUCTS INC. 05/02/02 B11 WO 92/17184 SPECIAL ADVANCED BIOMATERIALS, 10/15/92 INC. WO B12 93/07154 **PROCTER & GAMBLE** 04/15/93 PHARMACUTICALS, INC. B13 wo 93/24509 CHUGAI SEIYAKYU KABUSHIKI KAISHA 12/09/93 Abstract only B14 wo 94/10185 CHUGAI SEIYAKYU KABUSHIKI KAISHA 05/11/94 Abstract only B15 wo 95/07271 THE UPJOHN COMPANY 03/16/95 B16 wo 96/18633 ZAMBON GROUP S.P.A. 06/20/96 **B**17 wo 97/35195 THE SALK INSTITUTE FOR BIOLOGICAL 09/25/97 **STUDIES** B18 WO 97/48713 **ABBOTT LABORATORIES** 12/24/97 B19 wo 98/56800 PFIZER PRODUCTS INC. 12/17/98 B20 WO 98/56801 PFIZER PRODUCTS INC. 12/17/98 **B21** wo 99/16779 ABBOTT LABORATORIES 04/08/99 B22 WO 99/22722 ABBOTT LABORATORIES 05/14/99 wo B23 99/28308 TRUETT, WILLIAM 06/10/99 **B24** WO 99/33839 CHEIL JEDANG CORPORATION 07/08/99 B25 WO 99/63937 A3 ADVANCED MEDICINE, INC. 12/16/99 **B26** wo 99/64032 ADVANCED MEDICINE, INC. 12/16/99 **B27** wo 99/64049 A1 ADVANCED MEDICINE, INC. 12/16/99 B28 WO 99/64416 ZENECA LIMITED 12/16/99 **B29** WO 99/64417 ZENECA LIMITED 12/16/99 B30 wo 00/06606 ZAMBON GROUP S.P.A. 02/10/00

Express Mail No.: EV 871034415 US

Date of Deposit: August 29, 2007

Page 4 of 7

Attorney Docket No.: 26505-502 NATL

 B31	wo	00/21960	ZENECA LIMITED	04/20/00
B32	wo	00/21960		
		00/40589	PLIVA, FARMACEUTSKA INDUSTRIJA	07/13/00
 B33	wo	00/42055	ZAMBON GROUP S.P.A.	07/20/00
B34	wo	00/77016 A1	PLIVA D.D.	12/21/00
B35	wo	01/40222 A1	ASTRAZENECA AB; ASTRAZENECA UK LIMITED	06/07/01
 B36	wo			0.000
530	""	01/40236 A2	ASTRAZENECA AB; ASTRAZENECA UK LIMITED	06/07/01
B37	wo	01/40238 A1	ENICHEM S.P.A.	06/07/01
B38	wo	01/42242 A1	ORTHO-MCNEIL PHARMACEUTICAL, INC.	06/14/01
B39	wo	01/58885 A1	PHARMACIA & UPJOHN COMPANY	08/16/01
B40	wo	01/80863 A1	THE SCRIPPS RESEARCH INSTITUTE	11/01/01
B41	wo	01/81350 A1	ASTRAZENECA AB; ASTRAZENECA UK LIMITED	11/01/01
B42	wo	02/051855 A2	KOSAN BIOSCIENCES, INC.	07/04/02
 B43	wo	02/060912 A1	ENANTA PHARMACEUTICALS, INC.	08/08/02
B44	wo	02/080841 A2	ASTRAZENECA AB;	10/17/02
		02,000071712	ASTRAZENECA UK LIMITED	1.57.17.52
B45	wo	02/081468 A1	ASTRAZENECA AB;	10/17/02
			ASTRAZENECA UK LIMITED	
B46	wo	02/081469 A1	ASTRAZENECA AB;	10/17/02
 B47	wo		ASTRAZENECA UK LIMITED	1,04-10
D47	***	02/081470 A1	ASTRAZENECA AB; ASTRAZENECA UK LIMITED	10/17/02
B48	wo	02/096890 A2	ASTRAZENECA OR EINITED	12/05/02
		020000072	ASTRAZENECA UK LIMITED	1.233.32
B49	wo	02/096916 A1	ASTRAZENECA AB;	12/05/02
			ASTRAZENECA UK LIMITED	
B50	wo	03/022824 A1	ASTRAZENECA AB;	03/20/03
 B51	WO		ASTRAZENECA UK LIMITED	
651	WO	03/035073 A1	ASTRAZENECA NIK LIMITED	05/01/03
B52	wo	03/035648 A1	ASTRAZENECA UK LIMITED ASTRAZENECA AB:	05/01/03
		00/000040 A1	ASTRAZENECA AB,	33,01,03
B53	wo	03/042228 A1	GLAXO GROUP LIMITED; PLIVA D.D.	05/22/03
 B54	wo	03/070173 A2	SYMPORE GMBH	08/28/03
 B55	wo	03/070174 A2	SYMPORE GMBH	08/28/03
B56	wo	03/070254 A1	SYMPORE GMBH	08/28/03
 B57	wo	03/072575 A1	ASTRAZENECA AB;	09/04/03
		13.0.20.07.11	ASTRAZENECA UK LIMITED	
B58	wo	2004/005309 A2	PLIVA D.D.	01/15/04
B59	wo	2004/005310 A2	PLIVA D.D.	01/15/04
 B60	wo	2004/005313 A2	PLIVA D.D.	01/15/04
B61	wo	2004/013153 A2	ZAMBON GROUP S.P.A.	02/12/04
 B62	wo	2004/043984 A1	PLIVA D.D.	05/27/04
 1	11			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Express Mail No.: EV 871034415 US

Page 5 of 7

Date of Deposit: August 29, 2007

Attorney Docket No.: 26505-502 NATL

3 WO	2004/048392 A1	ASTRAZENECA AB;	06/10/04		
		ASTRAZENECA UK LIMITED			
wo	2004/056817 A1	ASTRAZENĘCA AB;	07/08/04		
		ASTRAZENECA UK LIMITED			
5 WO	2004/056818 A1	ASTRAZENECA AB;	07/08/04		
		ASTRAZENECA UK LIMITED			
s wo	2004/056819 A1	ASTRAZENECA AB;	07/08/04		
		ASTRAZENECA UK LIMITED			
wo	2004/078770 A1	RIB-X PHARMACEUTICALS, INC.	09/16/04		
3 WO	2004/080391 A2	OPTIMER PHARMACEUTICALS, INC.	09/23/04		
) wo	2004/094449 A1	PLIVA PHARMACEUTICAL INDUSTRY,	11/04/04		
,   wo	2004/096221 A1	MORPHOCHEM AKTIENGESELISCHAFT   FÜR KOMBINATORISCHE CHEMIE	11/11/04		
wo	2004/108745 A2	ENANTA PHARMACEUTICALS, INC.	12/16/04		
2 WO	2004/108746 A2	ENANTA PHARMACEUTICALS, INC.	12/16/04		
3 WO	2005/030786 A1	RANBAXY LABORATORIES LIMITED	04/07/05		
wo	2005/042554 A1	RIB-X PHARMACEUTICALS, INC.	05/12/05		
wo	2005/049632 A1	RIB-X PHARMACEUTICALS, INC.	06/02/05		
wo	2005/075494 A1	ZAMBON GROUP S.P.A.	08/18/05		
y wo	2005/085266 A2	RIB-X PHARMACEUTICALS, INC.	09/15/05		
	WO  WO  WO  WO  WO  WO  WO  WO  WO  WO	WO 2004/056818 A1  WO 2004/056818 A1  WO 2004/056819 A1  WO 2004/078770 A1  WO 2004/094449 A1  WO 2004/096221 A1  WO 2004/108745 A2  WO 2004/108746 A2  WO 2005/030786 A1  WO 2005/042554 A1  WO 2005/049632 A1  WO 2005/075494 A1	ASTRAZENECA UK LIMITED  ASTRAZENECA UK LIMITED  ASTRAZENECA AB; ASTRAZENECA UK LIMITED  WO 2004/056818 A1 ASTRAZENECA AB; ASTRAZENECA UK LIMITED  ASTRAZENECA UK LIMITED  ASTRAZENECA UK LIMITED  WO 2004/056819 A1 ASTRAZENECA AB; ASTRAZENECA UK LIMITED  WO 2004/078770 A1 RIB-X PHARMACEUTICALS, INC.  WO 2004/080391 A2 OPTIMER PHARMACEUTICALS, INC.  WO 2004/094449 A1 PLIVA PHARMACEUTICAL INDUSTRY, INC.  WO 2004/096221 A1 MORPHOCHEM AKTIENGESELISCHAFT FÜR KOMBINATORISCHE CHEMIE  WO 2004/108745 A2 ENANTA PHARMACEUTICALS, INC.  WO 2004/108746 A2 ENANTA PHARMACEUTICALS, INC.  WO 2005/030786 A1 RANBAXY LABORATORIES LIMITED  WO 2005/042554 A1 RIB-X PHARMACEUTICALS, INC.  WO 2005/049632 A1 RIB-X PHARMACEUTICALS, INC.	ASTRAZENECA UK LIMITED  ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA AB; ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA AB; ASTRAZENECA AB; ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA AB; O7/08/04  ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA UK LIMITED  O7/08/04  ASTRAZENECA UK LIMITED  O9/16/04  OPTIMER PHARMACEUTICALS, INC. O9/23/04  OPTIMER PHARMACEUTICALS, INC. O9/23/04  OPTIMER PHARMACEUTICAL INDUSTRY, I1/04/04  INC.  OPTIMER AKTIENGESELISCHAFT FÜR KOMBINATORISCHE CHEMIE  OPTIMER PHARMACEUTICALS, INC. OPTIMER PHARMACEUTICAL	ASTRAZENECA UK LIMITED  ASTRAZENECA AB; ASTRAZENECA AB; ASTRAZENECA AB; ASTRAZENECA AB; ASTRAZENECA UK LIMITED  WO 2004/056819 A1 ASTRAZENECA AB; ASTRAZENECA UK LIMITED  WO 2004/080391 A2 OPTIMER PHARMACEUTICALS, INC. 09/16/04  WO 2004/094449 A1 PLIVA PHARMACEUTICAL INDUSTRY, INC. 11/04/04 INC.  WO 2004/096221 A1 MORPHOCHEM AKTIENGESELISCHAFT FÜR KOMBINATORISCHE CHEMIE  WO 2004/108745 A2 ENANTA PHARMACEUTICALS, INC. 12/16/04  WO 2004/108746 A2 ENANTA PHARMACEUTICALS, INC. 12/16/04  WO 2005/030786 A1 RANBAXY LABORATORIES LIMITED 04/07/05  WO 2005/049632 A1 RIB-X PHARMACEUTICALS, INC. 05/12/05  WO 2005/075494 A1 ZAMBON GROUP S.P.A. 08/18/05

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C1	Akritopoulou-Zanze et al., "Synthesis and antibacterial activity of novel bifunctional macrolides", Bioorg. Med. Chem. Lett., pgs. 1-5 (2005)					
	C2	Brandt-Rauf et al., "Fluorescent assay for estimating the binding of erythromycin derivatives to ribosomes", Antimicrob. Agents Chemother., 14(1):88-94 (1978)					
	C3	Costa et al., "Hybrids of macrolides and nucleobases or nucleosides", <i>Tetrahedron Lett.</i> , 41:3371-3375 (2000)					
	C4	Denis et al., "Novel N-demethylation of ketolide: application to the solution phase parallel synthesis of N-desosaminyl-substituted ketolides using ion exchange resins", <i>Tetrahedron Lett.</i> , 43:4171-4174 (2002)					
	C5	Faghih et al., "Synthesis of 9-deoxo-4"-deoxy-6,9-epoxyerythromycin derivatives: novel and acid-stable motilides", J. Med. Chem., 41(18):3402-3408 (1998)					
	C6	Gregory et al., "Antibacterials. Synthesis and structure-activity studies of 3-aryl-2-oxooxazolidines. 1. The "B" group", J. Med. Chem., 32(8):1673-1681 (1989)					
	C7	Hecker et al., "Application of hygromycin a structure activity relationships to the antibiotic a201a", Bioorg. Med. Chem. Lett., 3(2):295-298 (1993)					
	C8	Henessian et al., "Quantamycin: a computer-simulated new-generation inhibitor of bacterial ribosomal binding", J. Am. Chem. Soc., 106:6114-6115 (1984)					
	C9	Holmes et al., "Novel dimeric penicillin derived inhibitors of HIV-1 proteinase: interaction with the catalytic aspartates", <i>Bioorg. Med. Chem. Lett.</i> , 3(4):503-508 (1993)					

Express Mail No.: EV 871034415 US

Date of Deposit: August 29, 2007

Page 6 of 7

Attorney Docket No.: 26505-502 NATL

-		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C10	Hwang et al., "1,3-dipolar cycloaddition of nitrile oxides to 1-phenylsulfonyl-1,3-butadienes:synthesis of 3-(4,5-dihydroisoxazol-5-yl)pyrroles", <i>Tetrahedron Let.</i> , 43:53-56 (2002)
	C11	Jones et al., "Chemical modifications of erythromycin antibiotics. I. 3'- De(dimethylamino)erythromycin A and B", Chem. Modif. Erythromycin Antibiotics, 33(2):665-670 (1968)
	C12	Liang et al., "Synthesis and biological activity of new 5-O-sugar modified ketolide and 2-fluoro-ketolide antibiotics", <i>Bioorg. Med. Chem. Lett.</i> , 15:1307-1310 (2005)
	C13	Mereu et al., "Design, synthesis and in vivo activity of 9-(S)-dihydroerythromycin derivatives as potent anti-inflammatory agents", <i>Bioorg. Med. Chem. Lett.</i> , 16:5801-5804 (2006)
	C14	Mutak et al., "Semisynthetic macrolide antibacterials derived from tylosin. Synthesis and structure-activity relationships of novel desmycosin analogues", J. Med. Chem., 47(2):411-431 (2004)
	C15	Phan et al., "Synthesis and antibacterial activity of a novel class of 4'-substituted 16-membered ring macrolides derived from tylosin", <i>J. Med. Chem.</i> , 47(12):2965-2968 (2004)
	C16	Phillips et al., "Synthesis and antibacterial activity of 5-substituted oxazolidinones", <i>Bioorg. Med. Chem.</i> , 11:35-41 (2003)
	C17	Randolph et al., "Elimination of antibacterial activities of non-peptide luteinizing hormone-releasing hormone (LHRH) antagonists derived from erythromycin A", <i>Bioorg. Med. Chem. Lett.</i> , 14:1599-1602 (2004)
	C18	Rao et al., "Tight binding of a dimeric derivative of vancomycin with dimeric L-Lys-D-Ala-D-Ala" J. Am. Chem. Soc., 119(43):10286-10290 (1997)
	C19	SciFinder Database entry for WO 93/24509, pgs.1-3 (2003)
	C20	SciFinder Database entry for WO 94/10185, pgs.1-3 (2003)
	C21	Shuker et al., "Discovering high-affinity ligands for proteins: SAR by NMR", Science, 274:1531-1543 (2003)
	C22	Stenmark et al., "Biomimetic synthesis of macrolide/ketolide metabolites through a selective n-Demethylation reaction", J. Org. Chem., 65(12):3875-3876 (2000)
	C23	Vince et al., "Chloramphenicol binding site with analogues of chloramphenicol and puromycin", Antimicrob. Agents Chemother., 8(4):439-443 (1975)
	C24	Wang et al., "Dimeric aminoglycosides: design, synthesis and RNA binding", <i>Bioorg. Med. Chem. Lett.</i> , 7(14):1951-1956 (1997)
	C25	Welch et al., "An inhibitor of ribosomal peptidyl transferase using transition-state analogy", <i>Biochem.</i> , 34(2):385-390 (1995)
	C26	Žemlička et al., "Sparsophenicol: a new synthetic hybrid antibiotic inhibiting ribosomal peptide synthesis", J. Med. Chem., 25(10):1123-1125 (1982)

Express Mail No.: EV 871034415 US Date of Deposit: August 29, 2007 Attorney Docket No.: 26505-502 NATL

	C27	Žemlička et al., "Hybrid of antibiotics inhibiting protein synthesis. Synthesis and biological activity", J. Med. Chem., 36(9):1239-1244 (1993)					
-	* By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A1-A42 and of the U.S. Published Applications A43-A60 are not submitted.						

Page 7 of 7

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ACTIVE 4126630v.1